

AMENDMENTS TO THE CLAIMS

1. (Previously presented) An apparatus for testing image sensors, said apparatus comprising:

a digital light processing control system capable of generating digital test images
and directing said images onto at least one image sensor;

focusing optics capable of splitting one of said digital test images into a plurality of
images; and

an image sensor signal detector for detecting a signal from said at least one image
sensor.

2. (Original) The apparatus of claim 1, wherein said test images are static images.

3. (Original) The apparatus of claim 1, wherein said test images are dynamic images.

4. (Original) The apparatus of claim 3, wherein said dynamic test images comprise one
or more images selected from the group consisting of marching rows, marching
diagonals, and alternating checkerboards.

5. (Previously presented) The apparatus of claim 1, wherein said digital light
processing control system comprises a light source; a digital micromirror device, for
converting light from said light source into a digital test image; collimating optics, for
directing light from said light source onto said digital micromirror device.

6. (Original) The apparatus of claim 5, wherein said light source is a uniform DC light
source.

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